

Abstract of the Disclosure

An electric rotating machine for a vehicle capable of reducing influence of leakage flux on a turning angle detector as much as possible and detecting a turning angle more accurately is provided.

5 The electric rotating machine for a vehicle includes: a rotor core 12 that is fitted to a rotary shaft 7; a stator core 24 that is concentric with the rotor core 12 and disposed on the outside of the rotor core 12; and a resolver 31 acting as a turning angle detector that is disposed on one shaft end of the rotary shaft 7; in which the rotary
10 shaft 7 itself is constituted to be magnetic flux interrupting means made of a non-magnetic material.